AUTHOR INDEX

Arbogast, D.N., see Núñez, O., 289

Bailey, G.S., see Núñez, O., 289
Bennett, R.O., see Reimschuessel, R., 167
Brands, F., see Herwig, H.J., 269
Brouwer, A., Reijnders, P.J.H. and Koeman, J.H., Polychlorinated biphenyl (PCB)-contaminated fish induces vitamin A and thyroid hormone deficiency in the common seal (*Phoca vitulina*), 99

Clarke, K.R., see Lowe, D.M., 345

Deneer, J.W., Van Leeuwen, C.J., Seinen, W., Maas-Diepeveen, J.L. and Hermens, J.L.M., QSAR study of the toxicity of nitrobenzene derivatives towards *Daphnia magna, Chlorella pyrenoidosa* and *Photobacterim phosphoreum,* 83
Diamond, S.A., see Newman, M.C., 141
Dietrich, D. and Schlatter, C., Aluminium toxicity to rainbow trout at low pH, 197
Dixon, D.G., see Martin, R.C., 37
Dixon, P., see Newman, M.C., 141
Douben, P.E.T. and Koeman, J.H., Effect of sediment on cadmium and lead in the stone loach (*Noemacheilus barbatulus* L.), 253

Faustman, E.M., see Shi, M., 127
Fong, A.T., see Núñez, O., 289

Garcia Martinez, P., see Livingstone, D.R., 213
George, S.G., Cadmium effects on plaice liver xenobiotic and metal detoxication systems: dose–response, 303
Gill, K.A., see Kennedy, C.J., 331

Hatakeyama, S., Effect of a herbicide, chlornitrofen (2,4,6-trichlorophenyl-4′-nitrophenyl ether), on the growth and reproduction of the guppy (*Poecilia reticulata*) through water and food, 181
Hawkins, W.E., Walker, W.W., Lytle, J.S., Lytle, T.F. and Overstreet, R.M., Carcinogenic effects of 7,12-dimethylbenz[a]anthracene on the guppy (*Poecilia reticulata*), 63
Hayton, W.L., see Karara, A.H., 27
Hendricks, J.D., see Núñez, O., 289
Hermens, J.L.M., see Deneer, J.W., 83
Herwig, H.J., Brands, F., Kruitwagen, E. and Zandee, D.I., Bioaccumulation and histochemical localization of cadmium in *Dreissena polymorpha* exposed to cadmium chloride, 269
Hodson, P.V., see Martin, R.C., 37
Holtze, K.E., see Hutchinson, N.J., 1
Hutchinson, N.J., Holtze, K.E., Munro, J.R. and Pawson, T.W., Modifying effects of life stage, ionic strength and post-exposure mortality on lethality of H+ and Al to lake trout and brook trout, 1

Karara, A.H. and Hayton, W.L., A pharmacokinetic analysis of the effect of temperature on the accumulation of di-2-ethylhexyl phthalate (DEHP) in sheepshead minnow, 27
Kennedy, C.J., Gill, K.A. and Walsh, P.J., Thermal modulation of benzo[*a*]pyrene metabolism by the gulf toadfish, *Opsanus beta*, 331
Kocan, R.M., see Ostrander, G.K., 109
Koeman, J.H., see Brouwer, A., 99
Koeman, J.H., see Douben, P.E.T., 253
Kruitwagen, E., see Herwig, H.J., 269

Landolt, M.L., see Ostrander, G.K., 109
Lee, B.C., see Núñez, O., 289
Leegwater, D.C., QSAR-analysis of acute toxicity of industrial pollutants to the guppy using molecular connectivity indices, 157
Lipsky, M.M., see Reimschuessel, R., 167
Livingstone, D.R., Garcia Martinez, P. and Winston, G.W., Menadione-stimulated oxyradical formation in digestive gland microsomes of the common mussel, *Mytilus edulis* L., 213
Lowe, D.M. and Clarke, K.R., Contaminant-induced changes in the structure of the digestive epithelium of *Mytilus edulis*, 345
Lytle, J.S., see Hawkins, W.E., 63
Lytle, T.F., see Hawkins, W.E., 63

Maas-Diepeveen, J.L., see Deneer, J.W., 83
Mackie, G.L., see Stephenson, M., 53
Maguire, R.J., see Martin, R.C., 37

Mallatt, J., see Stinson, C.M., 237
Martin, R.C., Dixon, D.G., Maguire, R.J., Hodson, P.V. and Tkacz, R.J., Acute toxicity, uptake, depuration and tissue distribution of tri-*n*-butyltin in rainbow trout, *Salmo gairdneri*, 37
May, E.B., see Reimschuessel, R., 167
Moore, M.V. and Winner, R.W., Relative sensitivity of *Cerodaphnia dubia* laboratory tests and pond communities of zooplankton and benthos to chronic copper stress, 311
Mulvey, M., see Newman, M.C., 141
Munro, J.R., see Hutchinson, N.J., 1

Newman, M.C., Diamond, S.A., Mulvey, M. and Dixon, P., Allozyme genotype and time to death of mosquitofish *Gambusia affinis* (Baird and Girard) during acute toxicant exposure: a comparison of arsenate and inorganic mercury, 141
Núñez, O., Hendricks, J.D., Arbogast, D.N., Fong, A.T., Lee, B.C. and Bailey, G.S., Promotion of aflatoxin B1 hepatocarcinogenesis in rainbow trout by 17B-estradiol, 289

Ostrander, G.K., Landolt, M.L. and Kocan, R.M., Whole life history studies of coho salmon (*Oncorphynchus kisutch*) following embryonic exposure to benzo[*a*]pyrene, 109
Overstreet, R.M., see Hawkins, W.E., 63

Pawson, T.W., see Hutchinson, N.J., 1

Reijnders, P.J.H., see Brouwer, A., 99
Reimschuessel, R., Bennett, R.O., May, E.B. and Lipsky, M.M., Renal histopathological changes in the goldfish (*Carassius auratus*) after sublethal exposure to hexachlorobutadiene, 167

Schlatter, C., see Dietrich, D., 197
Seinen, W., see Deneer, J.W., 83
Shi, M. and Faustman, E.M., Development and characterization of morphological scoring system for medaka (*Oryzias latipes*) embryo culture, 127
Stephenson, M. and Mackie, G.L., A laboratory study of the effects of waterborne cadmium, calcium, and carbonate concentrations on cadmium concentrations in *Hyalella azteca* (Crustacea: Amphipoda), 53
Stinson, C.M. and Mallatt, J., Branchial ion fluxes and toxicant extraction efficiency in lamprey (*Petromyzon marinus*) exposed to methylmercury, 237

Tkacz, R.J., see Martin, R.C., 37

Van Leeuwen, C.J., see Deneer, J.W., 83

Walker, W.W., see Hawkins, W.E., 63
Walsh, P.J., see Kennedy, C.J., 331
Winner, R.W., see Moore, M.V., 311
Winston, G.W., see Livingstone, D.R., 213

Zandee, D.I., see Herwig, H.J., 269